

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022417\
 Data File : BE092759.D
 Acq On : 24 Feb 2017 14:25
 Operator : SJ/MA
 Sample : I1946-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-170221

Quant Time: Feb 24 15:54:14 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE021517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 15 17:05:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	9369	5.00	ng	-0.02
7) Naphthalene-d8	10.88	136	39156	5.00	ng	-0.02
12) Acenaphthene-d10	14.75	164	21970	5.00	ng	-0.02
18) Phenanthrene-d10	17.51	188	54477	5.00	ng	0.00
24) Chrysene-d12	21.68	240	89099	5.00	ng	-0.02
31) Perylene-d12	24.01	264	77003	5.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.60	112	8837	4.85	ng	-0.03
5) Phenol-d6	7.27	99	6656	2.98	ng	-0.05
8) Nitrobenzene-d5	9.27	82	13902	5.25	ng	-0.05
13) 2,4,6-Tribromophenol	16.25	330	9092	19.50	ng	-0.03
14) 2-Fluorobiphenyl	13.36	172	31230	5.83	ng	-0.03
26) Terphenyl-d14	20.12	244	56070	4.93	ng	-0.02

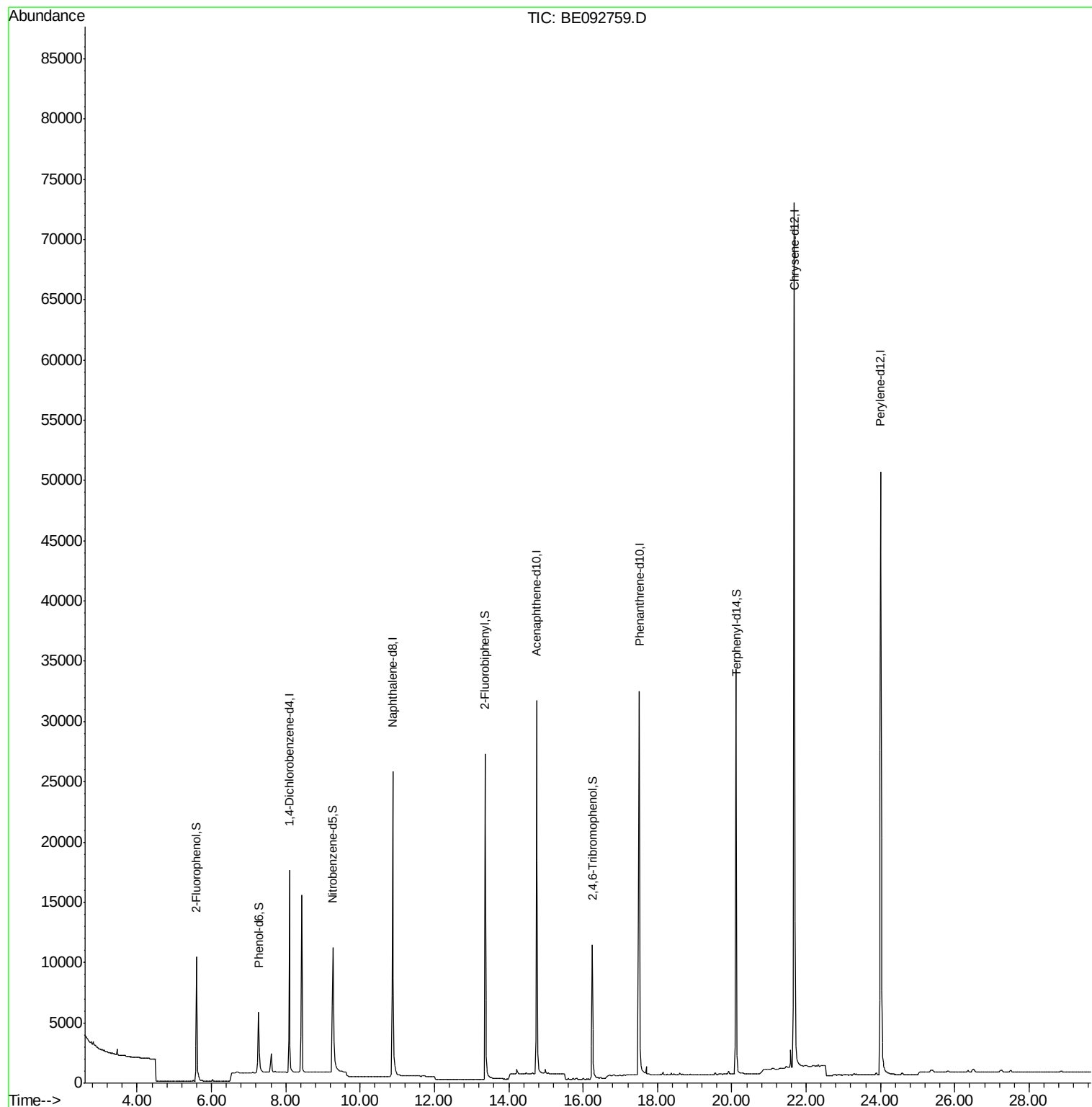
Target Compounds Qvalue

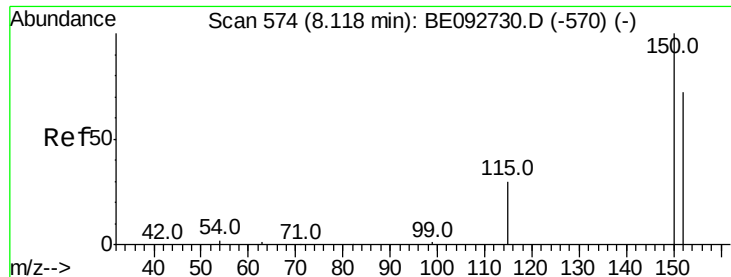
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.10 min Scan# 573

Delta R.T. -0.02 min

Lab File: BE092759.D

Acq: 24 Feb 2017 14:25

Instrument :

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ClientSampleId :

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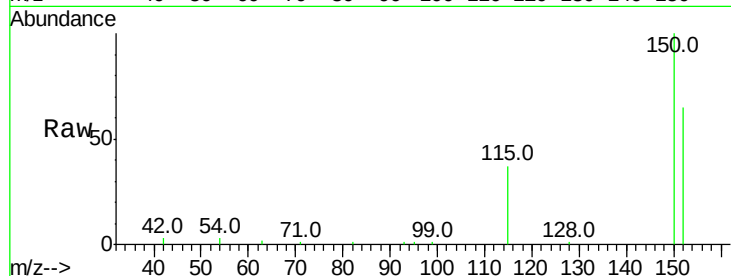
Tot Ion:152 Resp: 9369

Ion Ratio Lower Upper

152 100

150 153.4 106.0 159.0

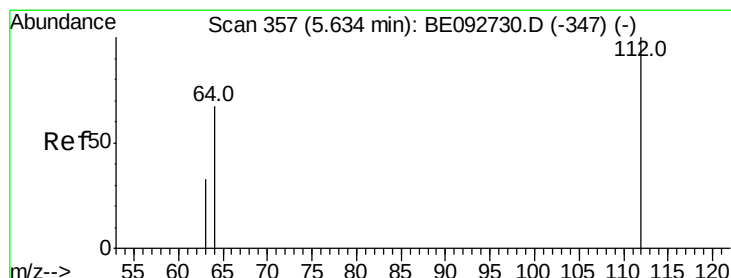
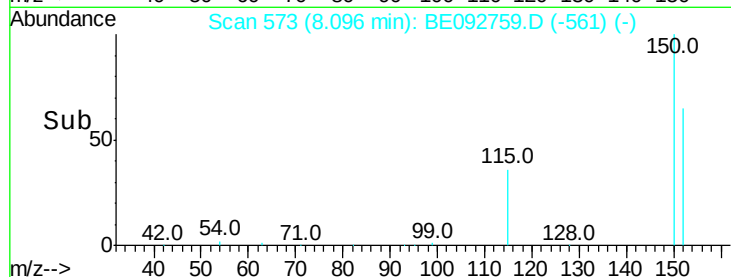
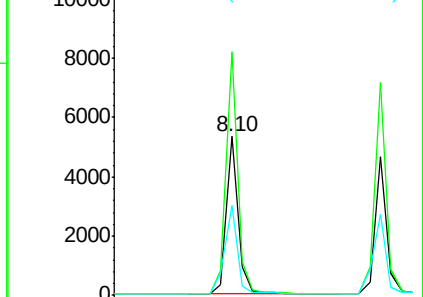
115 56.4 31.2 46.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol

Concen: 4.85 ng

RT: 5.60 min Scan# 351

Delta R.T. -0.03 min

Lab File: BE092759.D

Acq: 24 Feb 2017 14:25

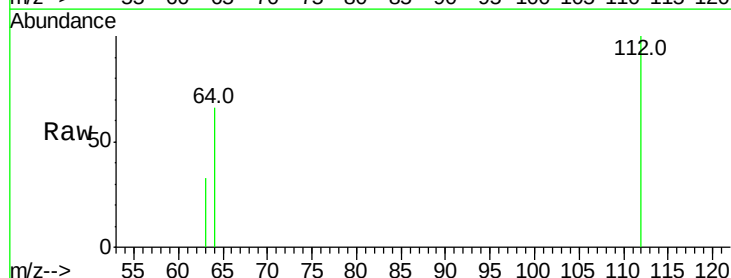
Tgt Ion:112 Resp: 8837

Ion Ratio Lower Upper

112 100

64 68.6 53.5 80.3

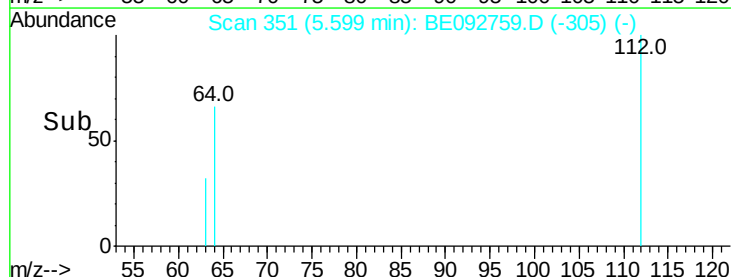
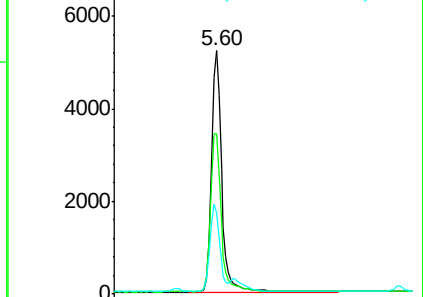
63 34.2 27.9 41.9

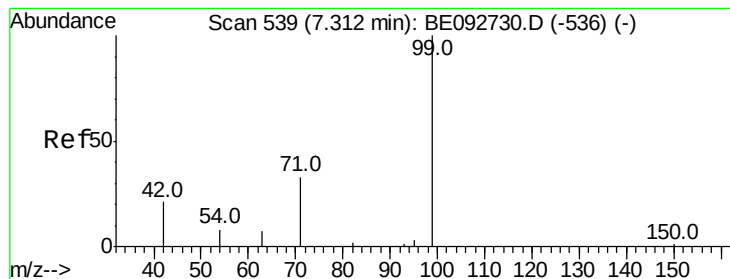


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.98 ng

RT: 7.27 min Scan# 537

Delta R.T. -0.05 min

Lab File: BE092759.D

Acq: 24 Feb 2017 14:25

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170221

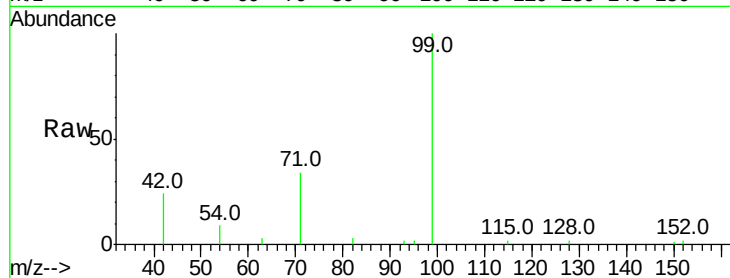
Tot Ion: 99 Resp: 6656

Ion Ratio Lower Upper

99 100

42 24.5 16.0 24.0#

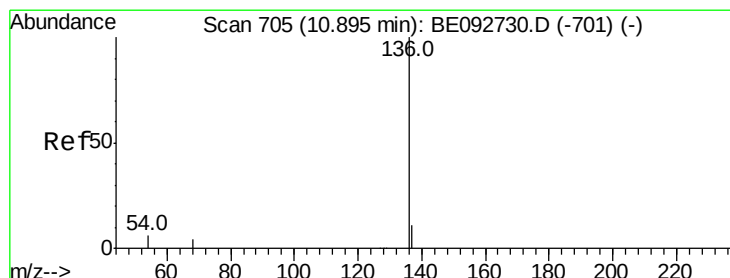
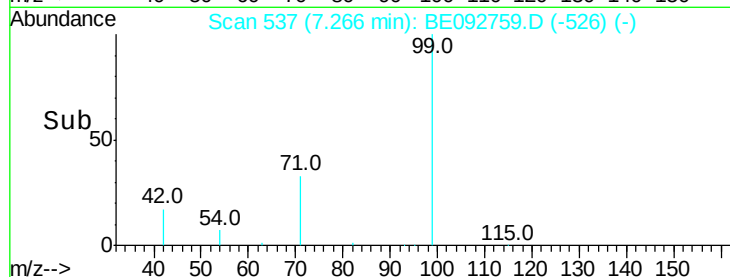
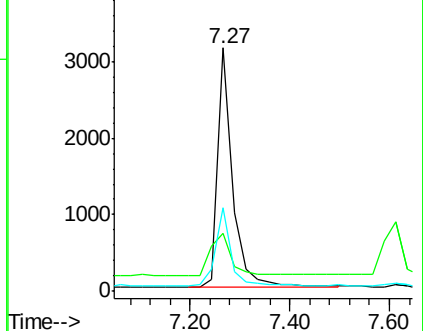
71 34.0 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.88 min Scan# 704

Delta R.T. -0.02 min

Lab File: BE092759.D

Acq: 24 Feb 2017 14:25

Tgt Ion: 136 Resp: 39156

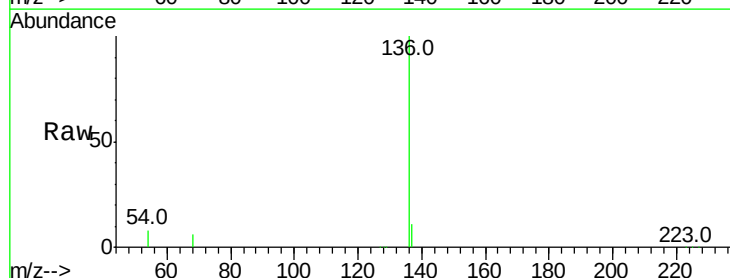
Ion Ratio Lower Upper

136 100

137 10.9 8.2 12.4

54 7.8 9.6 14.4#

68 5.9 6.7 10.1#

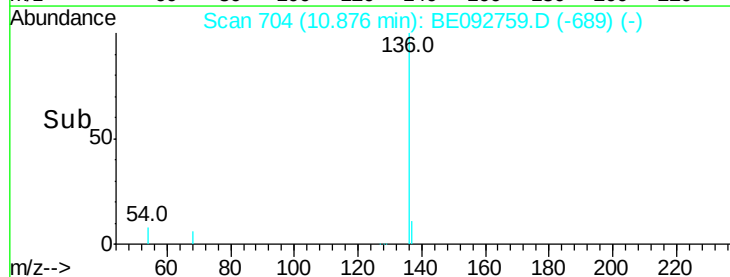
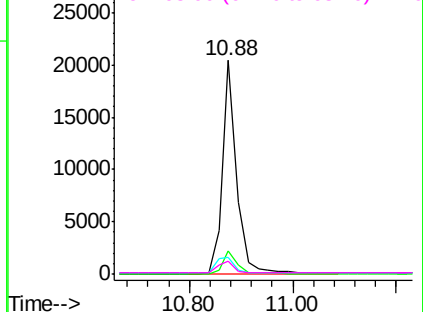


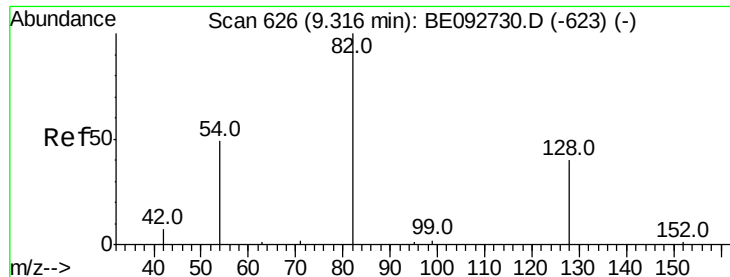
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 5.25 ng

RT: 9.27 min Scan# 624

Delta R.T. -0.05 min

Lab File: BE092759.D

Acq: 24 Feb 2017 14:25

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170221

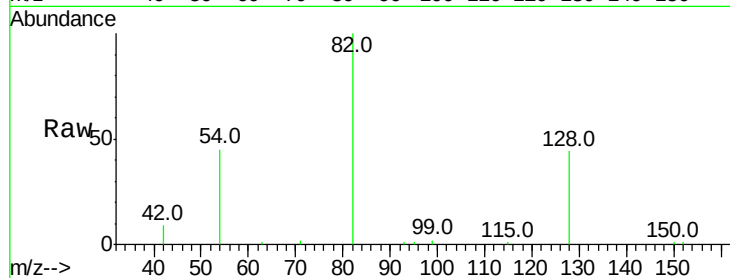
Tot Ion: 82 Resp: 13902

Ion Ratio Lower Upper

82 100

128 43.6 39.0 58.4

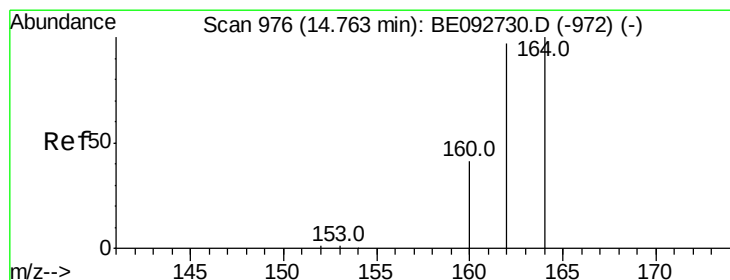
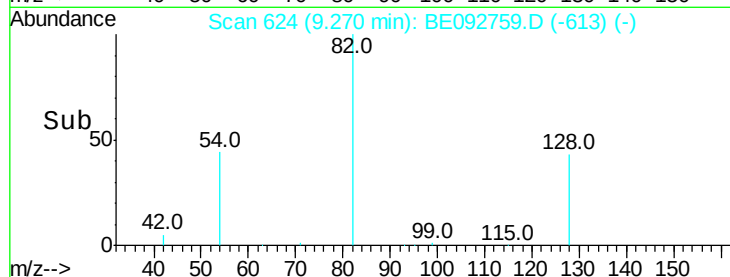
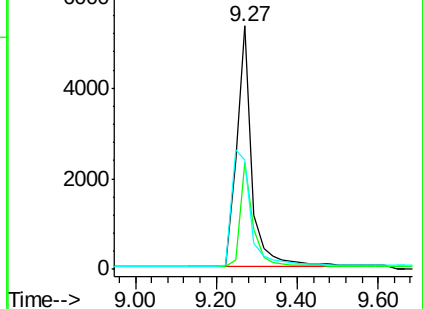
54 45.1 44.8 67.2



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.75 min Scan# 975

Delta R.T. -0.02 min

Lab File: BE092759.D

Acq: 24 Feb 2017 14:25

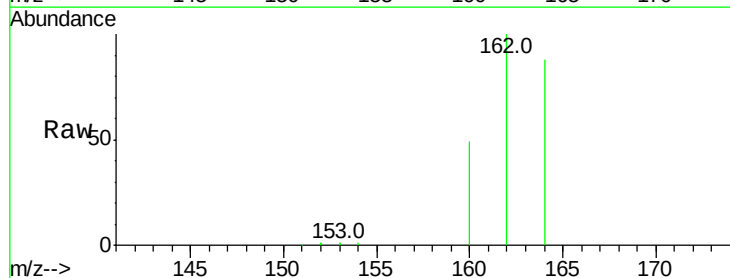
Tgt Ion:164 Resp: 21970

Ion Ratio Lower Upper

164 100

162 114.2 71.4 107.0#

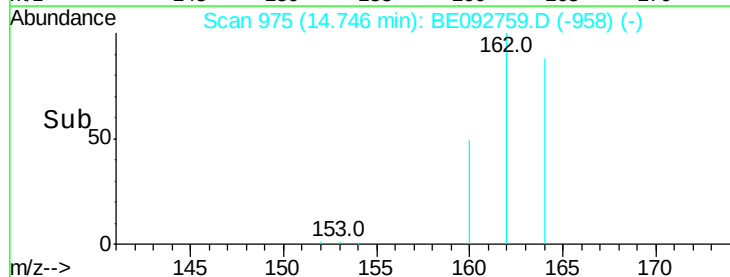
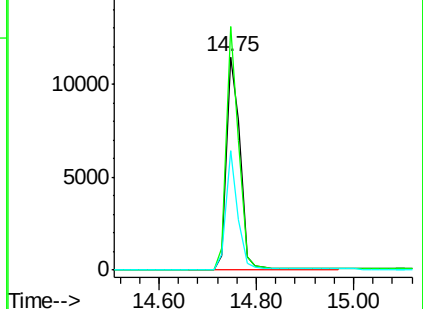
160 55.8 27.4 41.2#

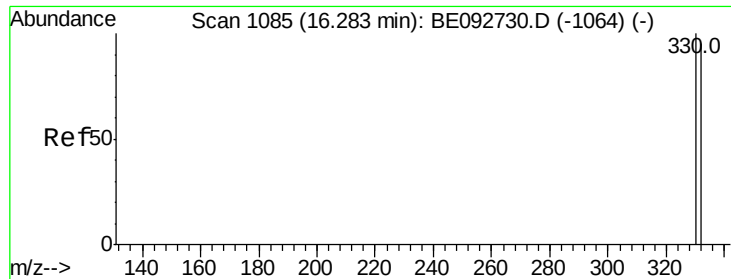


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

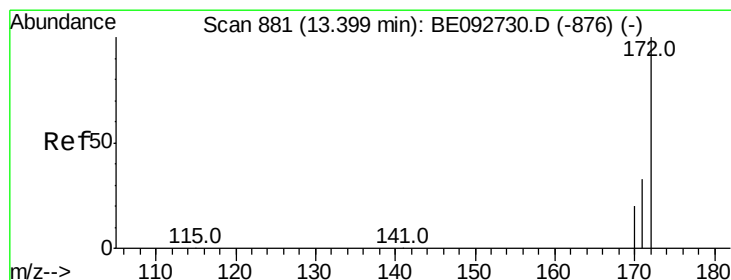
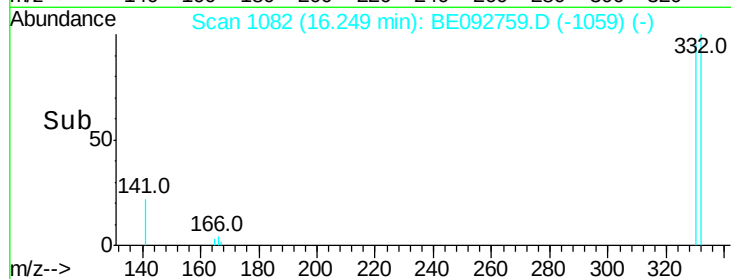
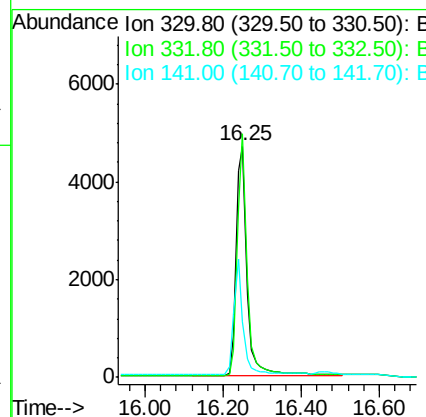
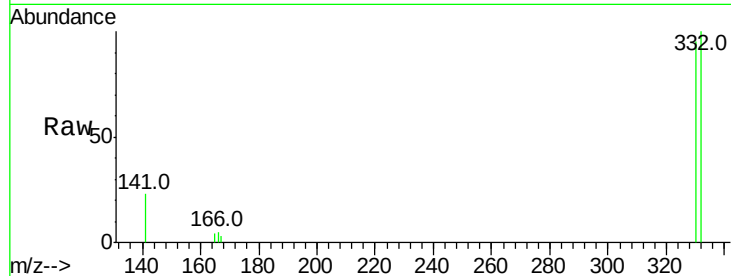




#13
 2,4,6-Tribromophenol
 Concen: 19.50 ng
 RT: 16.25 min Scan# 1082
 Delta R.T. -0.03 min
 Lab File: BE092759.D
 Acq: 24 Feb 2017 14:25

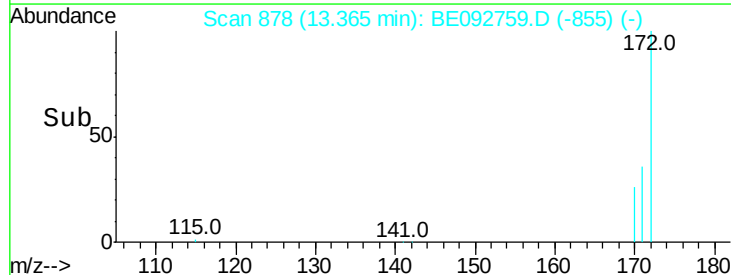
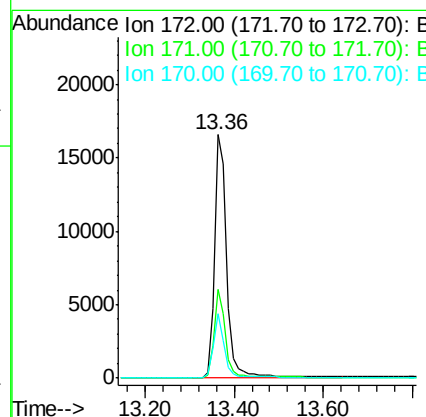
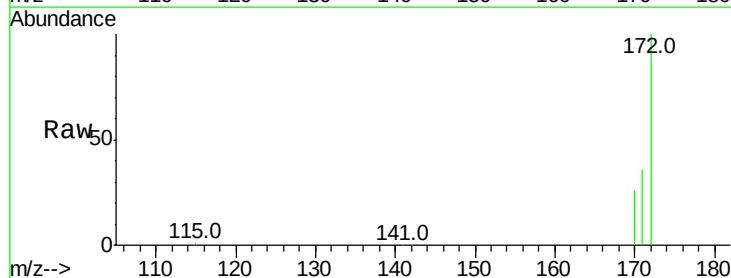
Instrument :
 BNA_E
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 OUTFALL001-170221

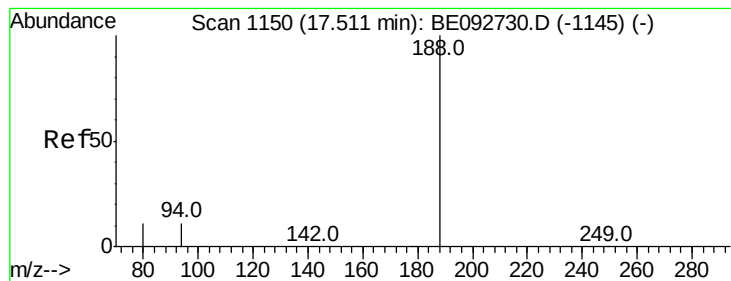
Tot Ion:330 Resp: 9092
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.4 113.0
 141 43.5 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 5.83 ng
 RT: 13.36 min Scan# 878
 Delta R.T. -0.03 min
 Lab File: BE092759.D
 Acq: 24 Feb 2017 14:25

Tgt Ion:172 Resp: 31230
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.1 45.1
 170 26.4 21.8 32.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.51 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BE092759.D

Acq: 24 Feb 2017 14:25

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170221

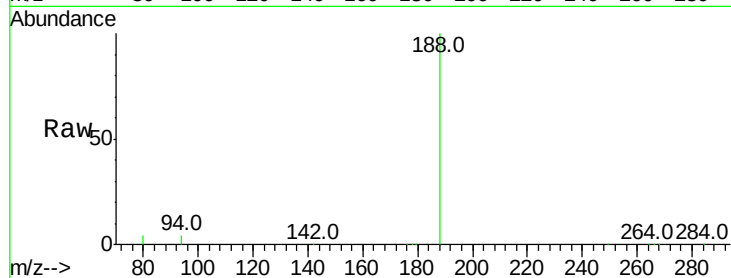
Tot Ion:188 Resp: 54477

Ion Ratio Lower Upper

188 100

94 4.2 3.2 4.8

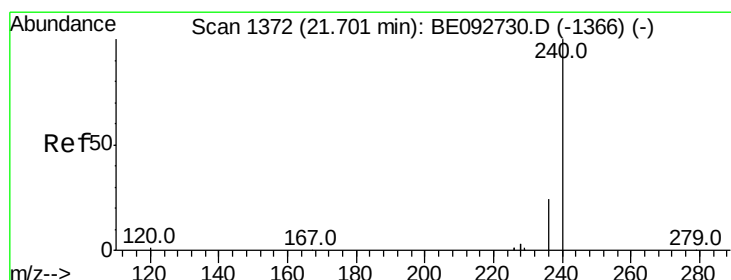
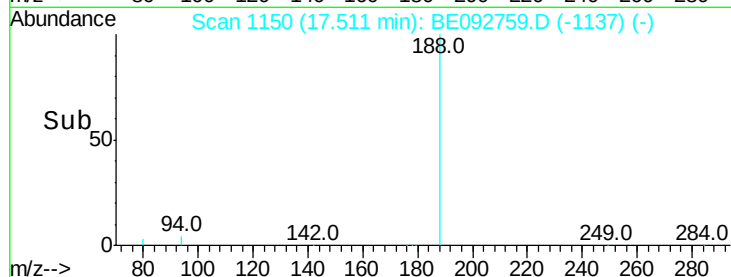
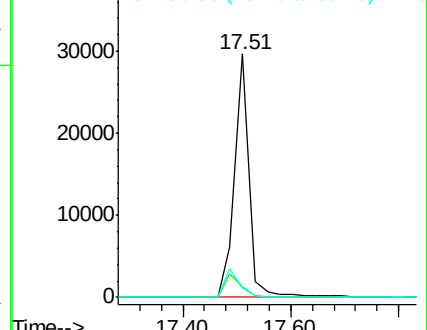
80 3.6 2.6 3.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.68 min Scan# 1371

Delta R.T. -0.02 min

Lab File: BE092759.D

Acq: 24 Feb 2017 14:25

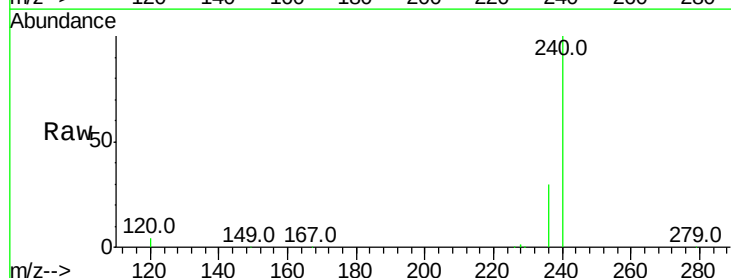
Tgt Ion:240 Resp: 89099

Ion Ratio Lower Upper

240 100

120 4.3 2.6 4.0#

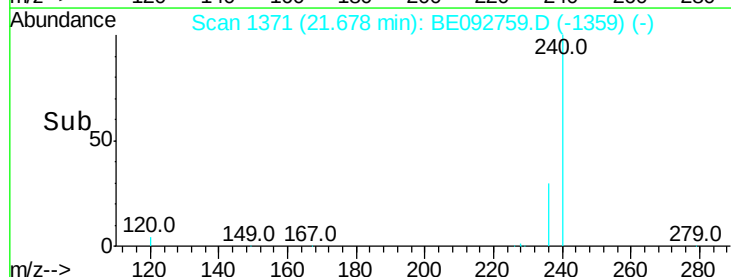
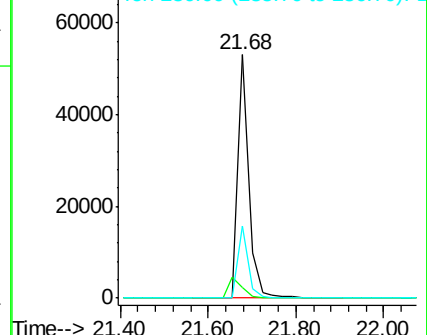
236 29.6 24.6 37.0

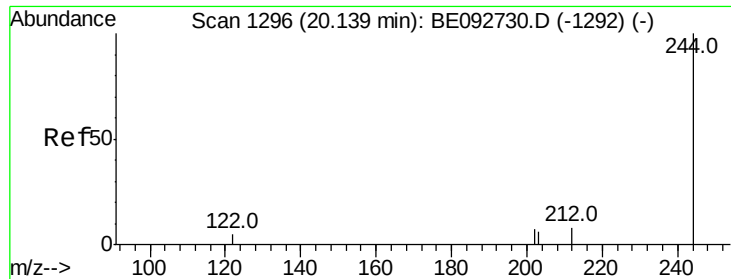


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

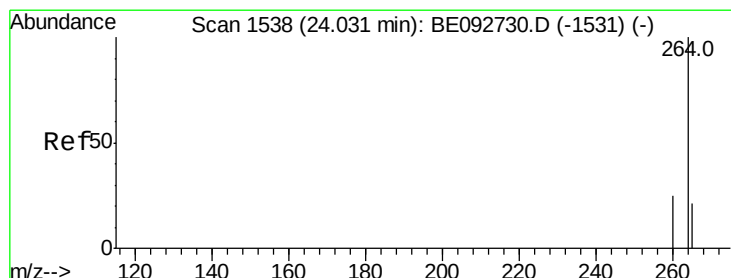
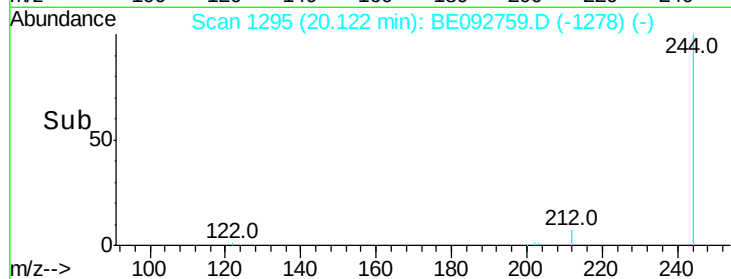
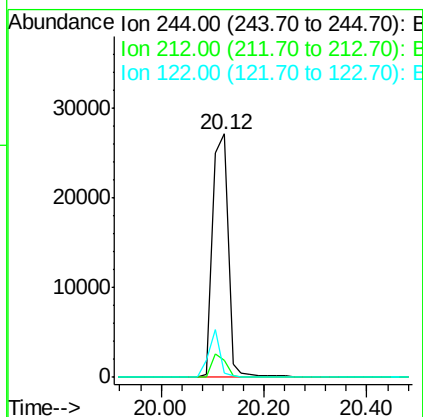
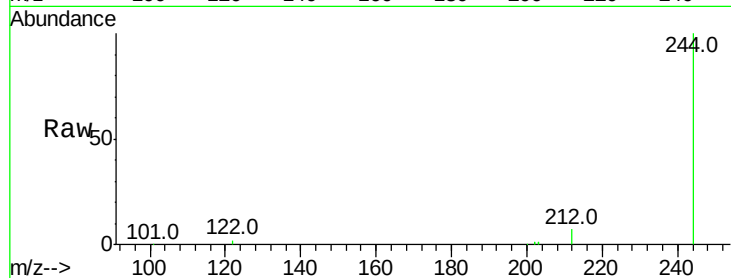




#26
 Terphenyl-d14
 Concen: 4.93 ng
 RT: 20.12 min Scan# 1295
 Delta R.T. -0.02 min
 Lab File: BE092759.D
 Acq: 24 Feb 2017 14:25

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Tot Ion:244 Resp: 56070
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.7 10.1
 122 1.6 3.6 5.4#



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.01 min Scan# 1536
 Delta R.T. -0.03 min
 Lab File: BE092759.D
 Acq: 24 Feb 2017 14:25

Tgt Ion:264 Resp: 77003
 Ion Ratio Lower Upper
 264 100
 260 26.5 20.1 30.1
 265 21.2 17.9 26.9

